

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	((("6898577") or ("6529885")).PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2005/10/31 15:31
S2	936	(digital near3 cert\$) near10 authent\$ near10 ((public key) (cert\$ serial number) (validity period) (ditital signature)) and (certif\$ adj authority)	US-PGRUB; USPAT	OR	ON	2005/10/31 16:30
S3	1	(digital near3 cert\$) near10 first near3 code near3 portion and second near3 code near3 portion	US-PGRUB; USPAT	OR	ON	2005/10/31 15:39
S4	1	S2 and (digital near3 cert\$) near10 first near3 code and second near3 code	US-PGRUB; USPAT	OR	ON	2005/10/31 15:39
S5	261	S2 and (digital near3 cert\$) near10 (user customer buyer consumer) near10 authent\$	US-PGRUB; USPAT	OR	ON	2005/10/31 15:41
S6	95	S5 and (digital near3 cert\$) near10 authority near5 (user customer buyer consumer)	US-PGRUB; USPAT	OR	ON	2005/10/31 17:10
S7	100	S2 and payment near3 request	US-PGRUB; USPAT	OR	ON	2005/10/31 16:31
S8	7	S2 and payment near3 request and "x.509" and xml	US-PGRUB; USPAT	OR	ON	2005/10/31 16:45
S9	3	S2 and corporate near5 payment	US-PGRUB; USPAT	OR	ON	2005/10/31 16:45
S10	3	((("6134550") or ("6301658") or ("6321333")).PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2005/10/31 17:43
S11	0	S10 and first near5 (code or portion) and second near (code or portion)	US-PGRUB; USPAT	OR	ON	2005/10/31 17:26
S12	2	S10 and (digital near5 certif\$) near10 authentication and (public near3 key)	US-PGRUB; USPAT	OR	ON	2005/10/31 17:15
S13	1	S12 and (digital near5 certif\$) near10 authority near5 (user buyer customer consumer)near5 (cert\$ near3 authority)	US-PGRUB; USPAT	OR	ON	2005/10/31 17:17
S14	14	(digital near3 cert\$) near10 first near5 (code or portion) and second near (code or portion)	US-PGRUB; USPAT	OR	ON	2005/10/31 17:27
S15	21	(digital near3 cert\$) near10 first near5 (code or portion) and second near5 (code or portion)	US-PGRUB; USPAT	OR	ON	2005/10/31 17:35
S16	9	S15 and authent\$ near5 (user customer consumer buyer)	US-PGRUB; USPAT	OR	ON	2005/10/31 17:29
S17	3	S16 and author\$ near5 (user customer consumer buyer) near15 request	US-PGRUB; USPAT	OR	ON	2005/10/31 17:30
S18	686084	digital cert\$ near5 (user or customer or consumer or corporat\$) near5 authent\$ and author\$ near5 (user or customer or consumer or corporat\$) near5 request near10 (action or payment or purchase)	US-PGRUB; USPAT	OR	ON	2005/10/31 17:50

S19	7	(digital near3 cert\$) near5 (user or customer or consumer or corporat\$) near5 authent\$ and author\$ near5 (user or customer or consumer or corporat\$) near5 request near10 (action or payment or purchase)	US-PGRUB; USPAT	OR	ON	2005/10/31 18:09
S20	9	((US-20050154877-\$ or US-20050102535-\$ or US-20050102510-\$ or US-20050102401-\$ or US-20050097351-\$ or US-20040139327-\$ or US-20040111375-\$ or US-20040243815-\$).did. or (US-6671805-\$).did.	US-PGRUB; USPAT	OR	ON	2005/10/31 18:09
S21	1	S20 and (digital near3 cert\$) near5 (user or customer or consumer or corporat\$) near5 authent\$ and author\$ near5 (user or customer or consumer or corporat\$) near5 request near10 (action or payment or purchase)	US-PGRUB; USPAT	OR	ON	2005/10/31 18:12
S22	1	S20 and (digital near3 cert\$) near5 authent\$ and (public adj key) and author\$ near5 (user or customer or consumer or corporat\$) near5 request near10 (action or payment or purchase)	US-PGRUB; USPAT	OR	ON	2005/10/31 18:13
S23	64	(digital near3 cert\$) near5 authent\$ and (public adj key) and author\$ near5 (user or customer or consumer or corporat\$) near5 request near10 (action or payment or purchase)	US-PGRUB; USPAT	OR	ON	2005/10/31 18:28
S24	1	(digital near3 cert\$) near5 authent\$ near5 (public adj key) and author\$ near5 (user or customer or consumer or corporat\$) near5 request near10 (action or payment or purchase)	US-PGRUB; USPAT	OR	ON	2005/10/31 18:45
S25	0	(digital near3 cert\$) near5 authent\$ near5 ((public adj key) and (cert\$ adj serial adj number) and (digital adj signature)) and extension and author\$ near5 (user or customer or consumer or corporat\$) near5 sign near5 request near10 (action or payment or purchase)	US-PGRUB; USPAT	OR	ON	2005/10/31 18:49
S26	0	(digital near3 cert\$) near5 authent\$ near5 ((public adj key) and (cert\$ adj serial adj number) and (digital adj signature)) and extension and author\$ near5 (user or customer or consumer or corporat\$) near15 request near10 (action or payment or purchase)	US-PGRUB; USPAT	OR	ON	2005/10/31 18:49
S27	23	(digital near3 cert\$) near5 authent\$ near5 ((public adj key) or (cert\$ adj serial adj number) or (digital adj signature)) and extension and author\$ near5 (user or customer or consumer or corporat\$) near15 request near10 (action or payment or purchase)	US-PGRUB; USPAT	OR	ON	2005/10/31 19:04
S28	2226	(digital near3 cert\$) near5 ((public adj key) or (cert\$ adj serial adj number) or (digital adj signature)) and authent\$	US-PGRUB; USPAT	OR	ON	2005/10/31 19:05
S29	1581	(digital near3 cert\$) near5 (public adj key) and authent\$	US-PGRUB; USPAT	OR	ON	2005/10/31 19:08

S30	1	S29 and user near5 authority near10 request near5 (action or payment)	US-PGRUB; USPAT	OR	ON	2005/10/31 19:08
S31	1	S29 and user near5 authority near10 request near5 (action or payment)	US-PGRUB; USPAT; EPO; DERWENT	OR	ON	2005/10/31 19:08
S32	1795	(digital near3 cert\$) near10 (public adj key) and authent\$	US-PGRUB; USPAT	OR	ON	2005/10/31 19:36
S33	1	S32 and (user or customer consumer CEO president employee) near5 authority near10 request near5 (action or payment)	US-PGRUB; USPAT; EPO; DERWENT	OR	ON	2005/10/31 19:10
S34	442	S32 and (user or customer consumer CEO president employee) near5 authority	US-PGRUB; USPAT; EPO; DERWENT	OR	ON	2005/10/31 19:11
S35	485	S32 and (user or customer consumer CEO president employee company) near5 authority	US-PGRUB; USPAT; EPO; DERWENT	OR	ON	2005/10/31 19:25
S36	17	(digital near3 cert\$) near5 define\$ near20 authority	US-PGRUB; USPAT; EPO; DERWENT	OR	ON	2005/10/31 19:34
S37	260	(digital near3 cert\$) near5 (user or employee or customer or consumer or president or ceo) near20 authority	US-PGRUB; USPAT; EPO; DERWENT	OR	ON	2005/10/31 19:36
S38	161	S37 and (digital near3 cert\$) near10 (public adj key) and authent\$	US-PGRUB; USPAT	OR	ON	2005/10/31 19:36
S39	1	("5712914").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2005/11/03 13:15
S40	1	("20040111375").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2006/03/13 19:39
S41	1	S40 and independent	US-PGRUB; USPAT	OR	ON	2006/03/13 19:39
S42	76	(digital near2 certif\$) near10 ((authority near2 information) or (access near3 rights))	US-PGRUB; USPAT	OR	ON	2006/03/13 20:43
S43	5479	(digital near2 certif\$)	US-PGRUB; USPAT	OR	ON	2006/03/13 20:43
S44	160	S43 and authority near10 store near10 authority	US-PGRUB; USPAT	OR	ON	2006/03/13 20:44
S45	551880	S44 band idenpend store near10 authority	US-PGRUB; USPAT	OR	ON	2006/03/13 20:45
S46	1094	S44 and indenpend\$ store near10 authority	US-PGRUB; USPAT	OR	ON	2006/03/13 20:45
S47	0	S44 and indenpend\$ near10 store near10 authority	US-PGRUB; USPAT	OR	ON	2006/03/13 20:45
S48	7	S42 and store near5 authority	US-PGRUB; USPAT	OR	ON	2006/03/14 12:27
S49	652	obtain\$ near10 (certificate adj authority)	US-PGRUB; USPAT	OR	ON	2006/03/14 12:28
S50	57	S49 and payment near10 request	US-PGRUB; USPAT	OR	ON	2006/03/14 13:07
S51	0	S50 and store near10 (authority or capacity) near10 signer	US-PGRUB; USPAT	OR	ON	2006/03/14 13:13
S52	0	S50 and obtain\$ near10 authority near5 signer	US-PGRUB; USPAT	OR	ON	2006/03/14 13:13

S53	3	S49 and obtain\$ near10 (authority or capacity) near5 signer	US-PGRUB; USPAT	OR	ON	2006/03/14 13:13
S54	12	(primary and secondary) near10 (digital near3 certificate)	US-PGRUB; USPAT	OR	ON	2006/03/14 14:37
S55	2	S54 and derivative	US-PGRUB; USPAT	OR	ON	2006/03/14 14:37
S56	8	S54 and employee	US-PGRUB; USPAT	OR	ON	2006/03/14 15:04
S57	0	revok\$ near10 secondary near10 (digital near2 certificate)	US-PGRUB; USPAT	OR	ON	2006/03/14 15:05
S58	6	revok\$ near10 secondary near10 certificate	US-PGRUB; USPAT	OR	ON	2006/03/14 15:10
S59	0	("revok\$near10secondarynear3certif\$"). FN.	US-PGRUB; USPAT; USOCR	OR	OFF	2006/03/14 15:10
S60	6	revok\$ near10 (secondary or derivat\$) near10 certif\$	US-PGRUB; USPAT	OR	ON	2006/03/14 15:28
S61	16	revok\$ near10 certif\$ near10 employee	US-PGRUB; USPAT	OR	ON	2006/03/14 15:28
S62	1	("20050060584"). FN.	US-PGRUB; USPAT; USOCR	OR	OFF	2006/03/14 16:36
S63	1	S62 and (revok\$ or revocation)	US-PGRUB; USPAT	OR	ON	2006/03/14 16:37
S64	17	(US-20020078355-\$ or US-20040139327-\$ or US-20030065920-\$ or US-20030154376-\$ or US-20050102510-\$ or US-20050102535-\$ or US-20050154877-\$ or US-20040243815-\$ or US-20050097166-\$ or US-20050097351-\$ or US-20050102401-\$ or US-20040111375-\$ or US-20030014372-\$ or US-20050114653-\$ or US-20050060584-\$). did. or (US-6671805-\$ or US-6754661-\$). did.	US-PGRUB; USPAT	OR	ON	2006/12/01 15:08
S65	0	S64 and (compar\$ or match\$) with signing with authority with certif\$	US-PGRUB; USPAT	OR	ON	2006/12/01 15:10
S66	17	(compar\$ or match\$) with signing with authority with certif\$	US-PGRUB; USPAT	OR	ON	2006/12/01 15:30
S67	101	(compar\$ or match\$) with signature with authority with certif\$	US-PGRUB; USPAT	OR	ON	2006/12/01 15:37
S68	101	(compar\$ or match\$) with (signature or signing) with authority with certif\$	US-PGRUB; USPAT	OR	ON	2006/12/01 15:38
S69	45	S68 and payment	US-PGRUB; USPAT	OR	ON	2006/12/01 15:42
S70	107	independent near10 authority with certificate	US-PGRUB; USPAT	OR	ON	2006/12/01 15:44
S71	2	S70 and access\$ near10 (signature or signing) with authority	US-PGRUB; USPAT	OR	ON	2006/12/01 15:48
S72	0	retriv\$ with signature near5 authority	US-PGRUB; USPAT	OR	ON	2006/12/01 15:49
S73	0	retriv\$ with signature near5 authority	US-PGRUB; USPAT	OR	ON	2006/12/01 15:49
S74	1	("20040111375"). FN.	US-PGRUB; USPAT; USOCR	OR	OFF	2006/12/01 15:56
S75	0	verif\$ with authority near5 signer near10 certif\$	US-PGRUB; USPAT	OR	ON	2006/12/01 15:59

S76	0	authority near5 signer near10 certi\$	US-PGPUB; USPAT	OR	ON	2006/12/01 15:59
S77	0	authority near15 signer near10 certi\$	US-PGPUB; USPAT	OR	ON	2006/12/01 15:59
S78	68	authority near5 signer near10 certi\$	US-PGPUB; USPAT	OR	ON	2006/12/01 15:59
S79	32	verif\$ with authority near5 signer near10 certi\$	US-PGPUB; USPAT	OR	ON	2006/12/01 18:26
S80	8	(compar\$ or match\$) with authority near5 (signer or holder) near10 certi\$	US-PGPUB; USPAT	OR	ON	2006/12/01 18:31
S81	0	(authority near2 information) with certi\$	US-PGPUB; USPAT	OR	ON	2006/12/01 18:32
S82	365	(authority near2 information) with certi\$	US-PGPUB; USPAT	OR	ON	2006/12/01 18:32
S83	46	S82 and (database or stored or (data near base)) near10 (authority near3 information)	US-PGPUB; USPAT	OR	ON	2006/12/01 18:36
S84	1	S83 and (authority near3 information) near (signer or holder)	US-PGPUB; USPAT	OR	ON	2006/12/01 18:37
S85	5	(authority near3 information) near (signer or holder)	US-PGPUB; USPAT	OR	ON	2006/12/01 18:45
S86	9	maximum with (signing or signature) near5 authority	US-PGPUB; USPAT	OR	ON	2006/12/01 18:55
S87	2	match\$ with authority with stored near5 authority with certi\$	US-PGPUB; USPAT	OR	ON	2006/12/01 18:59
S88	0	match\$ with signing near5 authority with stored near5 authority with certi\$	US-PGPUB; USPAT	OR	ON	2006/12/01 18:59
S89	0	(match\$ or compar\$ or verif\$) with signing near5 authority with stored near5 authority with certi\$	US-PGPUB; USPAT	OR	ON	2006/12/01 19:00
S90	67	(match\$ or compar\$ or verif\$) with signing near5 authority with authority with certi\$	US-PGPUB; USPAT	OR	ON	2006/12/01 19:00
S91	68	(match\$ or compar\$ or verif\$) with signing near5 authority with authority with certi\$	US-PGPUB; USPAT	OR	ON	2006/12/01 19:52
S92	13	"digital certificate" with independent with (validat\$ or verif\$)	US-PGPUB; USPAT	OR	ON	2006/12/01 19:59
S93	5	(signature or signing)near10 authority with independent with (validat\$ or verifi \$)	US-PGPUB; USPAT	OR	ON	2006/12/01 20:00
S94	164	signer with authority	US-PGPUB; USPAT	OR	ON	2006/12/01 21:25
S95	22	S94 and (compar\$ or match\$) with authority	US-PGPUB; USPAT	OR	ON	2006/12/01 21:26
S96	358	(match\$ or compar\$) with (signer or authority) with certi\$	US-PGPUB; USPAT	OR	ON	2006/12/04 12:05
S97	1	(match\$ or compar\$) with (signer near3 authority) with certi\$	US-PGPUB; USPAT	OR	ON	2006/12/04 12:05
S98	0	("7727409").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/18 14:53
S99	1	("7152048").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/18 14:53

S100	0	compar\$ near10 reciev\$ near10 certificate with stored near10 certificate	US-PGRUB; USPAT	OR	ON	2008/06/18 14:57
S101	362	compar\$ near10 certificate with stored near10 certificate	US-PGRUB; USPAT	OR	ON	2008/06/18 14:58
S102	105	S101 and authority near10 information	US-PGRUB; USPAT	OR	ON	2008/06/18 14:59
S103	86	S101 and authority near5 information	US-PGRUB; USPAT	OR	ON	2008/06/18 14:59
S104	13	S103 and validat\$ near10 pay\$	US-PGRUB; USPAT	OR	ON	2008/06/18 14:59
S105	353	signing near5 authority with certificate	US-PGRUB; USPAT	OR	ON	2008/06/19 12:08
S106	38	S105 and authority near5 pay\$	US-PGRUB; USPAT	OR	ON	2008/06/19 12:09
S107	9	("5214702"   "5390247"   "5448729"   "5606609"   "5615268"   "5659616"   "5748738"   "5872848"   "6185683").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2008/06/19 12:33
S108	1	pay\$ with certicate	US-PGRUB; USPAT; USOCR	OR	ON	2008/06/19 12:48
S109	0	payment near5 authority with certi\$	US-PGRUB; USPAT; USOCR	OR	ON	2008/06/19 12:49
S110	66	(compare or comparing or match\$ or verif\$) near10 authority near5 information with stored near5 authority	US-PGRUB; USPAT; USOCR	OR	ON	2008/06/19 12:52
S111	45	S110 and certi\$	US-PGRUB; USPAT; USOCR	OR	ON	2008/06/19 12:52
S112	28	S111 and payment	US-PGRUB; USPAT; USOCR	OR	ON	2008/06/19 12:54
S113	4	("2004/0139327").URPN.	USPAT	OR	ON	2008/06/19 12:59
S114	34	(store or storing) near10 authority near10 (checks or cheque)	US-PGRUB; USPAT	OR	ON	2008/06/20 11:48
S115	25	S114 and certificate	US-PGRUB; USPAT	OR	ON	2008/06/20 11:48
S116	3	S115 and (match\$ or compare or comparing) near10 certificate	US-PGRUB; USPAT	OR	ON	2008/06/20 11:49
S117	6741	authority near5 information	US-PGRUB; USPAT	OR	OFF	2009/03/06 11:54
S118	34	S117 and authority near10 (sign or signing) near10 document	US-PGRUB; USPAT	OR	OFF	2009/03/06 11:58

3/4/2010 2:40:54 PM

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